

Title (en)

LANDING GEAR COMPONENTS HAVING IMPROVED JOINTS

Title (de)

FAHRWERK MIT KOMPONENTEN MIT VERBESSERTEN GELENKEN

Title (fr)

COMPOSANTS DE TRAIN D'ATERRISSAGE PRÉSENTANT DES LIAISONS AMÉLIORÉES

Publication

**EP 3000728 B1 20181128 (EN)**

Application

**EP 15186603 A 20150924**

Priority

US 201414497662 A 20140926

Abstract (en)

[origin: EP3000728A1] The present disclosure includes landing gear components, such as an outer cylinder (104) of a shock strut assembly (102). The outer cylinder (104) includes one or more structural attachment pins (105) configured to engage with other components of the landing gear including pintle frames (110), drag braces (106), and torque links (124). The pins (105) include a cobalt alloy mated to a cobalt containing coating (140) for improved wear resistance, which may eliminate the need for a bushing between the pin (105) and the receptacle (107) of the corresponding landing gear component.

IPC 8 full level

**B64C 25/10** (2006.01); **B64C 25/58** (2006.01)

CPC (source: EP US)

**B64C 25/10** (2013.01 - EP US); **B64C 25/58** (2013.01 - EP US); **C22C 19/07** (2013.01 - EP US); **F16F 9/3235** (2013.01 - US); **B64D 2045/009** (2013.01 - US)

Citation (examination)

- US 2014060707 A1 20140306 - WRIGHT JAMES A [US], et al
- US 2010304182 A1 20101202 - FACCHINI DIANA [CA], et al

Cited by

CN112173084A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3000728 A1 20160330; EP 3000728 B1 20181128**; US 2016090172 A1 20160331; US 9452827 B2 20160927

DOCDB simple family (application)

**EP 15186603 A 20150924**; US 201414497662 A 20140926